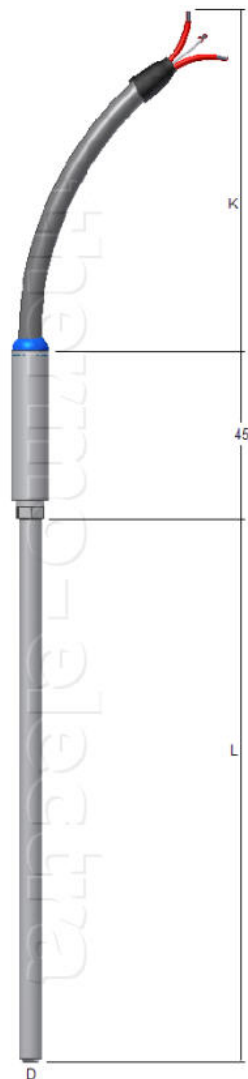


# LEX25 Ex ia/ib certified resistance thermometer for zone 0, 1 and 2

| Construction        |                                                                                                                                          |
|---------------------|------------------------------------------------------------------------------------------------------------------------------------------|
| ATEX execution      | II 1 G Ex ia IIC T6...T1 Ga<br>II 1/2 G Ex ia/ib IIC T6...T1 Ga/Gb<br>II 2 G Ex ib IIC T6...T1 Gb                                        |
| ATEX certificate    | DEKRA 17ATEX0123 X                                                                                                                       |
| IECEx execution     | Ex ia IIC T6...T1 Ga<br>Ex ia/ib IIC T6...T1 Ga/Gb<br>Ex ib IIC T6...T1 Gb                                                               |
| IECEx certificate   | IECEx DEK 17.0046X                                                                                                                       |
| Suitable for zone   | 0, 1 and 2                                                                                                                               |
| Ingress protection  | IP65 / IEC529                                                                                                                            |
| Ambient temp. range | -45°C...+80°C, this can be limited depending on the materials applied such as cables, connection heads, junction boxes and transmitters. |
| Sheath              |                                                                                                                                          |
| Construction        | Mineral insulated (MgO)                                                                                                                  |
| Material            | SS316 standard, other materials possible                                                                                                 |
| Diameter            | Customer to specify (0.25-12.7mm)                                                                                                        |
| Length              | Customer to specify                                                                                                                      |
| Sensor              |                                                                                                                                          |
| Execution           | Single or Duplex Pt100                                                                                                                   |
| Connection          | 3-wire standard, 4-wire optional                                                                                                         |
| Accuracy            | According IEC 60751 Cl. B, A or AA                                                                                                       |
| Measuring range     | -20°C...+400°C standard, -220°C...+600°C optional                                                                                        |
| Sealpot             |                                                                                                                                          |
| Length              | 45mm                                                                                                                                     |
| Diameter            | To suit cable diameter                                                                                                                   |
| Connection cable    |                                                                                                                                          |
| Cable insulation    | PVC, PUR, Silicon or PTFE. Customer to specify                                                                                           |
| Cable length        | Customer to specify                                                                                                                      |



## Ordering code

\*This datasheet is purely indicative, build-up of model code may vary from this datasheet.

|                         |       |  |  |  |  |  |  |
|-------------------------|-------|--|--|--|--|--|--|
| Model                   | LEX25 |  |  |  |  |  |  |
| Sensor S or D           |       |  |  |  |  |  |  |
| Connection 3- or 4-wire |       |  |  |  |  |  |  |
| Class B, A or AA        |       |  |  |  |  |  |  |
| Diameter                |       |  |  |  |  |  |  |
| Length "L" in mm        |       |  |  |  |  |  |  |
| Length "K" in mm        |       |  |  |  |  |  |  |

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